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PROCEEDINGS OF SOCIETIES.

ENTOMOLOGICAL SECTION OF THE ACADEMY OF
NATURAL SCIENCES, PHILADELPHIA, PA.

[Abstract from the Monthly proceedings, concluded
from page 89.]

9 MAY 1879. — Mr. McCook described and figured [Proc., p. 11, fig. 1, 2] a nest of *Tarentula tigrina* n. sp., from New Jersey. Dr. G. H. Horn remarked upon *Cantharis deserticola*, *Mycetina limbata*, *Dasycerus sulcatus*, *Adelops hirtus* and *Sarpedon scabrosus*; also upon the classification of the *nitidulidae* and the *monotomidae*; he thought the latter family would probably have to be reunited with the *lathridiidae*. — p. 9-13.

9 JUNE 1879. — Mr. C. A. Blake exhibited some rare lepidoptera; also an *Actias luna* ♂ having an ocellus on the left fore wing, midway between the usual discal spot and the apex, and about 3 mm. beneath the costal margin, and having some of the colors on the wing suffused; also an *A. luna* ♀, upon the wings of which the discal spots were irregular and the colors diffused; also a *Junonia lavinia* peculiarly colored. Mr. Blake remarked, with figures [Proc., p. 14], on the form and attachment of the wing-scales of some species of *Morpho* and *Hipparchia*. Dr. G. H. Horn communicated a table [Proc., p. 14-16] of the (13) North American species of *Adelocera*, with a list of changes and synonymy among the *elateridae*. Mr. E. T. Cresson described *Ibalia rufipes*, *I. montana*, and 6 species of *Pterochilus* from the western U. S., and *Aulacus pallipes* from Massachusetts, 9 n. sp. — p. 13-20.

12 SEPT. 1879. — Dr. G. H. Horn remarked upon the classification of the *eucnemidae*, with especial reference to *Cerophytum* and *Perothops*, "which should be excluded from the *eucnemidae* each to represent a sub-type of the greater elateride complex" including the *eucnemidae*, the *cebrionidae*, the *throscidae*, and the *elateridae* proper. Dr. Horn reviewed the *dasyllidae*, directing special attention to certain hitherto unnoticed characters in the related genera *Eubria* (which does not occur in our fauna), *Ectopria* [Eurea], *Dicranopselaphus* and *Acneus* n. g.; he also indicated the new genus *Placonycha*, of which *Dicranopselaphus edwardsii* is the type. Mr. H. C. McCook exhibited an artificial formicary containing living specimens of *Myrmecocystus mexicanus*, and described the nests and habits of the ants. He also remarked upon the habits and architecture of *Pogonomyrmex occidentalis*. Mr. E. T. Cresson described 5 new species of *Eucerceris* from New Mexico, Colorado and Nevada. — p. 21-25.

14 NOV. 1879. — Dr. J. L. LeConte remarked upon his paper, entitled, "Short studies on North American coleoptera." Mr. E. T. Cresson described 10 new species of *Metopius*, 8 from Nevada and Colorado, and 1 each from Florida and Maryland. Dr. G. H. Horn described a case of dimorphism in *Desmocerus auripennis* ♀, consisting in a different size of markings and a different fineness of punctuation of the elytra, and mentioned other instances of dimorphism in coleoptera, which occurs almost exclusively in the female sex. — p. 26-31.

8 DEC. 1879. — Dr. J. L. LeConte remarked upon the structural peculiarities of *Propalticus oculatus*, one of the *mycetophagidae* from the Hawaiian Islands. Dr. G. H. Horn described a deformity in the left anterior tarsus of *Cremastochilus saucius*, the last joint of which seemed to be triple, and alluded to the tendency of deformities to exist by triplication. Mr. E. T. Cresson described 7 new species of *Philanthus* from the western U. S. The following officers were elected for the year 1880: — Director, J. Lawrence LeConte; Vice-Director, G. H. Horn; Recorder, James H. Ridings; Treasurer, Ezra Townsend Cresson; Conservator, G. B. Cresson; Publication Committee, G. H. Horn, S. Lewis. — p. 31-34.